Illinois DHS Third Party EVV Addendum v1.0

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Addendum to

Third Party Alternate EVV System

Specification v7.9

Version Update

Version	Author	Section	Changes	Date
v1.0	Pamela Brooks		Initial Draft	05.28.2020

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1 Overview

The Third Party AltEVV interface is intended for Third Party EVV Vendors to provide program visit data to the Sandata Aggregator. This includes clients, employees, visits, and their associated calls as well as the ability to send data related to visit modifications. Visits are considered to be completed when all required information has been supplied for the visit and all visit exceptions have been remediated. Sandata will verify that visits received pass all program edit rules on receipt. Note that the expectation is that all visit changes will be supplied along with the final completed visit.

The addendum to the generic specification is intended to document the full file layout and attributes that have values specific to your program. All expected values, formatting and validation rules should be identified for each element, where applicable.

Complete Third Party AltEVV interface transmission guidelines may be found in the generic specification provided during Implementation.

1.1 Intended Audience

The intended audience of this document is:
- Project Management and Technical teams at Sandata.
- Project Management and Technical teams who will be implementing this interface.

1.2 AltEVV Interface Transmission Guidelines

- File Format: JSON
- File Delivery: via RESTful API

1.3 Program Specific Assumptions & Business Policies

- Scope of Data: [All visit changes as they occur]

2 Data File Layout

The following tables reflect all required fields in the Third Party Alternative EVV System Specification. This document may be distributed to all providers and used as a guide in order to ensure data consistency across the network. This will also allow Sandata to properly read all incoming files and process the data accordingly.

Required Segment definitions:

- Data segments may be required or optional. When sending data included in a particular segment, all required fields must be provided.
- If a data segment is optional and will not be sent, you may disregard all data fields including those that are required. The concept of required fields only applies when any given data segment is being sent to Sandata.

Required Field definitions:

- Required – data element *must* be provided on import file, otherwise, the record will be rejected
- Optional – vendor may choose to send data element or not. Record will not be rejected if this field is null.
- Conditional – specific scenarios exist where this field is required, other scenarios where this field may not apply and should not be sent. Conditional rules (or scenarios) will be detailed in the field description.

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
Provider Identification: Required. Note that this element will be required as part of the header information provided for all three types of transmissions. This information will be compared to the connection being used within the interface to ensure that the transmission is appropriate. If this match cannot be validated, the transmission will be rejected. As part of the implementation process, required fields may be adjusted and the available fields may be reduced based on the program specifics.						
1	ProviderQualifier	Identifier being sent as the unique identifier for the provider. Values: SandataID, NPI, API, MedicaidID, TaxID, Taxonomy, Legacy, Other.	20	String	Yes	TaxID
2	ProviderID	Unique identifier for the agency.	64	String	Yes	9 char
Client General Information: Additional fields may be required depending on the program; fields below may be ignored if a Payer Client feed is implemented.						
1	ClientID	Assigned client_id. If a value is assigned by another system. Note that this value can be automatically assigned by Sandata EVV.	10	String	Optional	SANDATA ASSIGNED
2	ClientFirstName	Client's First Name.	30	String	Yes	LIVE DATA
3	ClientMiddleInitial	Client's Middle Initial	1	String	Optional	LIVE DATA

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
4	ClientLastName	Client's Last Name.	30	String	Yes	LIVE DATA
5	ClientQualifier	Value being sent to unique identify the client. Should be the same as the value used by the Payer if a client feed is provided by the payer.	20	String	Yes	"ClientOtherID"
6	ClientMedicaidID	Unique ID provided by the State Medicaid program to the client.	64	String	Yes	ClientMedicaidID value 9 char alphanumeric
7	ClientIdentifier	Payer assigned client identifier identified by ClientQualifier. If client information is received from the payer, this information will be used to link the received Third Party EVV information with the payer information provided.	64	String	Yes	CASE # (8 digits)
8	MissingMedicaidID	Indicator that a patient is a newborn. If this value is provided, ClientMedicaidID will be ignored and will be valid as null.	5	String	Optional	True	False
9	SequenceID	The Third Party EVV visit sequence ID to which the change applied.	16	Integer	Yes	If TIMESTAMP is used: YYYYMMDDHHMMSS (Numbers only; no characters)
10	ClientCustomID	Additional client user-defined ID. Commonly used to customize the built-in ClientID within the system. Must be provided if billing is in scope. May be equal to another ID provided.	24	String	Conditional	DO NOT PROVIDE
11	ClientOtherID	Additional client user-defined ID. Commonly used to store client's ID from another system. This value is used to match the client to an existing record during import.	24	String	Yes	CASE # (8 digits)
12	ClientSSN	Client's social security number. If the field is left empty, ClientOtherID must be populated. Not required if ClientOtherID sent. Numbers only, no dashes and leading zeros must be included. Format #########	9	String	Optional	FORMAT: #########
13	ClientTimeZone	Client's primary time zone. Depending on the program, this value may be defaulted or automatically calculated. Please see the appendix for acceptable values.	64	String	Yes	See Appendix 3
14	Coordinator	The staff member assigned to the client in a specific agency as the coordinator (supervisor) for an employee.	3	String	Optional	LIVE DATA

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
15	ProviderAssentContPlan	Indicator to capture provider's assent that the member's contingency plan provided will be reviewed with the member every 90 days and documentation will be provided.	5	Boolean	Optional	DO NOT PROVIDE
Client Payer Information: This segment is only required for programs where members/clients and their association to the associated programs and services is not provided by the payer (within authorization data). DO NOT PROVIDE						
1	PayerID	Sandata EVV assigned ID for the payer.	64	String	Yes	DO NOT PROVIDE
2	PayerProgram	If applicable, the program to which this visit belongs.	9	String	Yes	DO NOT PROVIDE
3	ProcedureCode	This is the billable procedure code which would be mapped to the associated service.	5	String	Yes	DO NOT PROVIDE
4	ClientPayerID	Unique identifier sent by the payer.	20	String	Optional	DO NOT PROVIDE
5	ClientEligibilityDateBegin	Client eligibility begin date. This field is optional if ClientStatus is sent.	10	Date	Conditional	DO NOT PROVIDE
6	ClientEligibilityDateEnd	Client eligibility end date. This field is optional if ClientStatus is sent.	10	Date	Conditional	DO NOT PROVIDE
7	ClientStatus	The client's current status. Provide the 2 digit code including the 0. Available values: 02 = Active 04 = Inactive This field is optional if ClientEligibilityDateBegin or ClientEligibilityDateEnd is sent.	2	String	Conditional	DO NOT PROVIDE
8	EffectiveStartDate	The effective start date for the client payer information.	10	Date	Yes	DO NOT PROVIDE
9	EffectiveEndDate	The effective end date for the client payer information.	10	Date	Optional	DO NOT PROVIDE
Client Address: At least one record for each client is required if GPS validation is required for the program. If an address is provided via a payer feed, this address information will be regarded as secondary based on program rules.						
1	ClientAddressType	Client address. Note that multiple of the same type of address can be provided.	12	String	Yes	Home| Business	Other
2	ClientAddressIsPrimary	One address must be designated as primary. Values: true/false	5	String	Yes	True	False
3	ClientAddressLine1	Street Address Line 1 associated with this address. PO Box may not be acceptable for Billing and PO Box will not function correctly for MVV.	30	String	Yes	LIVE DATA

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
4	ClientAddressLine2	Street address line 2 associated with this address.	30	String	Optional	LIVE DATA
5	ClientCounty	County associated with this address	25	String	Optional	LIVE DATA
6	ClientCity	City associated with this address.	30	String	Yes	LIVE DATA
7	ClientState	State associated with this address. Two Character standard abbreviation.	2	String	Yes	Format: 2 char standard state abbreviation
8	ClientZip	Zip Code associated with this address. Required for Billing. 9-digit primary address zip code. If additional 4 digits are not known, provide zeros (e.g. #####0000).	9	String	Yes	Format: #########
9	ClientAddressLongitude	Calculated for each address.	20	Decimal	Optional	LIVE DATA
10	ClientAddressLatitude	Calculated for each address.	19	Decimal	Optional	LIVE DATA
Client Phone: Optional.						
1	ClientPhoneType	Client Phone. Note that multiple of the same type can be provided.	12	String	Optional	Home | Mobile | Business | Other
2	ClientPhone	Client phone number.	10	String	Required	FORMAT: ##########
Client Designee: provide if applicable for the client and in the absence of a payer client feed. Optional.						
1	ClientDesigneeFirstName	First Name of the Client Designee.	30	String	Yes	LIVE DATA
2	ClientDesigneeLastName	Last Name of the Client Designee.	30	String	Yes	LIVE DATA
3	ClientDesigneeEmail	Email address of the Client Designee.	50	String	Yes	FORMAT: xxx@yyy.zzz RULES: @ and extension (.zzz) are required to validate email address.
4	ClientDesigneeStatus	Status of the Client Designee pertaining to Sandata system access. If the ClientDesigneeStatus is sent, ClientDesigneeStartDate and ClientDesigneeEndDate are not required. (Provide the 2-digit code including the 0) Sandata System can either populate the start or end date based on the date of receipt of the status or the source system can send the activation and termination date.	2	String	Conditional	02 | 04

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
		(Please note Activation and termination dates cannot be backdated or future dated) Available Values: 02 = Active, 04 = Inactive.				
5	ClientDesigneeStartDate	The date Client Designee was assigned. Future date is not acceptable. If the ClientDesigneeStartDate is sent, ClientDesigneeStatus is not required.	10	Date	Conditional	FORMAT: YYYY-MM-DD
6	ClientDesigneeEndDate	The date Client Designee was terminated. Future date and Back date is not acceptable. If the ClientDesigneeEndDate is sent, ClientDesigneeStatus is not required.	10	Date	Conditional	FORMAT: YYYY-MM-DD
7	ClientDesigneeRelationship	Relationship of the Designee to the client.	30	String	Optional	Mother | Father | Spouse | Partner | Sibling | Grandparent | Other Relative | Legal Guardian | Court Appointed Rep |Other
Responsible Party: Provide if applicable for the client and in the absence of a payer client feed. Optional.						
1	ClientContactType	Client contact type	12	String	Optional	Family | Other
2	ClientContactFirstName	Client contact first name. Entered by provider agency.	30	String	Optional	LIVE DATA
3	ClientContactLastName	Client contact last name. Entered by provider agency.	30	String	Optional	LIVE DATA
4	ClientContactPhoneType	Client contact's phone type.	12	String	Optional	Business | Home | Mobile | Other
5	ClientContactPhone	Client contact home phone number. Entered by provider agency.	10	String	Optional	FORMAT: ##########
6	ClientContactEmailAddress	Client Contact's email address. Required if this client will be authorized to login to the client portal as the client's authorized representative and approve timesheets on behalf of the client.	64	String	Optional	Format: xxx@xxx.xxx Validation Rules: @ and extension (.xxx) are required to validate an address.
7	ClientContactAddressLine1	Client contact's street address, line 1	30	String	Optional	LIVE DATA
8	ClientContactAddressLine2	Client contact's street address, line 2	30	String	Optional	LIVE DATA
9	ClientContactCity	Client contact's city	30	String	Optional	LIVE DATA

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
10	ClientContactState	Client contact's state. Two character standard abbreviation.	2	String	Optional	Format: 2 char standard state abbreviation
11	ClientContactZip	Client contact's zip code. 9 digit primary address zip code. If additional 4 digits are not known, provide zeros (e.g. #####0000).	9	String	Optional	Format: #########
Employee General Information: Optional.						
1	EmployeeQualifier	Value being sent to unique identify the employee.	20	String	Yes	EmployeeSSN
2	EmployeeIdentifier	Employee identifier identified by EmployeeQualifier. If employee information is received from the payer, this information will be used to link the received Third Party EVV information with the payer information provided and should be defined as the same value.	9	String	Yes	9 digits
3	EmployeeOtherID	Unique employee identifier in the external system.	64	String	Optional	DO NOT PROVIDE
4	SequenceID	The Third Party EVV visit sequence ID to which the change applied	16	Integer	Yes	If TIMESTAMP is used: YYYYMMDDHHMMSS (Numbers only; no characters)
5	EmployeeSSN	Employee Social Security Number. Employee SSN may be required depending on the program rules.	9	String	Yes	9 digits
6	EmployeeLastName	Employee's Last Name	30	String	Yes	LIVE DATA
7	EmployeeFirstName	Employee's First Name	30	String	Yes	LIVE DATA
8	EmployeeEmail	Employee's Email Address	64	String	Optional	Format: xxx@xxx.xxx Validation Rules: @ and extension (.xxx) are required to validate an address.
9	EmployeeManagerEmail	Email of the employee's manager	64	String	Optional	Format: xxx@xxx.xxx Validation Rules: @ and extension (.xxx) are required to validate an address.
10	EmployeeAPI	Employee client's alternate provider identifier or Medicaid ID	25	String	Optional	DO NOT PROVIDE
11	EmployeePosition	Valid values include: HHA, HCA, RN, LPN, PCA If multiple positions, send primary.	3	String	Optional	HHA | HCA | RN | LPN | PCA
12	EmployeeHireDate	Employee's date of hire.	10	Date	Optional	Format: YYYY-MM-DD

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
13	EmployeeEndDate	Employee's HR recorded end date.	10	Date	Optional	Format: YYYY-MM-DD
Visit General Information: Required.						
1	VisitOtherID	Visit identifier in the external system	50	String	Yes	LIVE DATA
2	SequenceID	The Third Party EVV visit sequence ID assigned to this record.	16	Integer	Yes	If TIMESTAMP is used: YYYYMMDDHHMMSS (Numbers only; no characters)
3	EmployeeQualifier	Value being sent to unique identify the employee.	20	String	Yes	EmployeeSSN
4	EmployeeOtherID	Unique employee identifier in the external system, if any.	64	String	Optional	DO NOT PROVIDE
5	EmployeeIdentifier	Employee identifier identified by EmployeeQualifier. If employee information is received from the payer, this information will be used to link the received Third Party EVV information with the payer information provided and should be defined as the same value.	9	String	Yes	9 DIGIT Employee SSN
6	GroupCode	This visit was part of a group visit. Group Code is used to reassemble all members of the group.	6	String	Optional	LIVE DATA
7	ClientIDQualifier	Value being sent to unique identify the client. Should be the same as the value used by the Payer if a client feed is provided by the payer.	20	String	Yes	"ClientOtherID"
8	ClientID	Identifier used in the client element.	64	String	Yes	CASE #
9	ClientOtherID	Additional client user-defined ID. Commonly used to store client's ID from another system. This value is used to match the client to an existing record during import.	24	String	Optional	CASE #
10	VisitCancelledIndicator	True/false – allows a visit to be cancelled / deleted based on defined rules.	5	String	Yes	True	False
11	PayerID	Sandata EVV assigned ID for the payer.	64	String	Yes	"ILDHS"
12	PayerProgram	The program associated to the visit.	9	String	Yes	"HSPA"
13	ProcedureCode	This is the billable procedure code which would be mapped to the associated service.	5	String	Yes	See Appendix 1 HCPCS column
14	Modifier1	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	Optional	DO NOT PROVIDE
15	Modifier2	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	Optional	DO NOT PROVIDE

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
16	Modifier3	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	Optional	DO NOT PROVIDE
17	Modifier4	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	Optional	DO NOT PROVIDE
18	VisitTimeZone	Visit primary time zone. Depending on the program, this value may be defaulted or automatically calculated. Should be provided if the visit is occurring in a time zone other than that of the client.	64	String	Yes	See Appendix 3 TimeZoneCode column
19	ScheduleStartTime	Activity / Schedule start date and time. This field is generally required but may be omitted if the schedule is denoting services that can happen at any time within the service date	20	DateTime	Optional	FORMAT: YYYY-MM-DDTHH:MM:SSZ
20	ScheduleEndTime	Activity / Schedule end date and time. This field is generally required but may be omitted if the schedule is denoting services that can happen at any time within the service date	20	DateTime	Optional	FORMAT: YYYY-MM-DDTHH:MM:SSZ
21	ContingencyPlan	Indicator of member's contingency plan selected by member. Valid values include (CODE should be sent only): CODE- Description CP01 - Reschedule within 2 Hours CP02 - Reschedule within 24 Hours CP03 - Reschedule within 48 Hours CP04 - Next Scheduled Visit CP05 - Non-Paid Caregiver	64	String	Optional	DO NOT PROVIDE
22	Reschedule	Indicator if schedule is a "reschedule"	5	Boolean	Optional	DO NOT PROVIDE
23	AdjinDateTime	Adjusted in date/time if entered manually. Otherwise the actual date/time received. Adjusted times are used when a visit was captured with or record with incorrect times. For instance, a caregiver forgets to sign out of a current visit for several hours. The agency can "adjust" the time to reflect the actual visit times. In Sandata systems when visit time is adjusted the system will update the adjusted time In and out for that record.	20	DateTime	Optional	FORMAT: YYYY-MM-DDTHH:MM:SSZ

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
24	AdjOutDateTime	Adjusted out date/time if entered manually. Otherwise the actual date/time received. Adjusted times are used when a visit was captured with or record with incorrect times. For instance, a caregiver forgets to sign out of a current visit for several hours. The agency can "adjust" the time to reflect the actual visit times. In Sandata systems when visit time is adjusted the system will update the adjusted time In and out for that record.	20	DateTime	Optional	FORMAT: YYYY-MM-DDTHH:MM:SSZ
25	BillVisit	True/False. If the visit is going to be billed, should be sent as Y. Otherwise N.	5	String	Optional	True | False
26	HoursToBill	Hours that are going to be billed.	99.999	Decimal	Optional	LIVE DATA
27	HoursToPay	If payroll is in scope for the payer program, the hours to pay.	99.999	Decimal	Optional	LIVE DATA
28	Memo	Associated free form text	512	String	Optional	LIVE DATA
29	ClientVerifiedTimes	The three fields work together in the Sandata system and generate an exception if the client validation and signature are not captured at the time of visit. The agency would need to provide details why the client did not confirm the visit times, tasks and/or why a signature was not obtained. Often, this gets triggered when the member receiving service is not available at the time the visit ends. Exception Note: When this field is marked as FALSE, a Visit Verification Exception will be triggered.	5	String	Optional	True | False
30	ClientVerifiedTasks	The three fields work together in the Sandata system and generate an exception if the client validation and signature are not captured at the time of visit. The agency would need to provide details why the client did not confirm the visit times, tasks and/or why a signature was not obtained. Often, this gets triggered when the member receiving service is not available at the time the visit ends.	5	String	Optional	True | False

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
31	ClientVerifiedService	The three fields work together in the Sandata system and generate an exception if the client validation and signature are not captured at the time of visit. The agency would need to provide details why the client did not confirm the visit times, tasks and/or why a signature was not obtained. Often, this gets triggered when the member receiving service is not available at the time the visit ends. Exception Note: When this field is marked as FALSE, a Service Verification Exception will be triggered.	5	String	Optional	True | False
32	ClientSignatureAvailable	The actual signature will not be transferred. The originating system will be considered the system of record. The fields are marked as optional as the data cannot be captured once the visit is complete; therefore, the field will be blank. In this case, an exception will need to accompany the visit records stating why the data is missing or why the caregiver was unable to gather this during the visit. Exception Note: When this field OR ClientVoiceRecording is marked as FALSE, an Client Signature Exception will be triggered.	5	String	Optional	True | False
33	ClientVoiceRecording	The actual voice recording will not be transferred. The originating system will be considered the system of record. Exception Note: When this field OR ClientSignatureAvailable is marked as FALSE, an Client Signature Exception will be triggered.	5	String	Optional	True | False
Calls: If calls are not provided, adjusted times must be included in the parent visit element. Calls include any type of clock in or clock out depending on system capabilities. Note that some vendor systems may not record some visit activity as calls. If this is the case, the call element can be omitted. Sandata will treat visit information without calls as manually entered. This is an OPTIONAL segment.						
1	CallExternalID	Call identifier in the external system	16	String	Yes	LIVE DATA

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
2	CallDateTime	Event date time. Must be at least to the second.	20	Date Time	Yes	FORMAT: YYYY-MM-DDTHH:MM:SSZ
3	CallAssignment	Description of the call for EVV purposes.	10	String	Yes	Time In | Time Out | Other
4	GroupCode	This visit was part of a group visit. Group Code is used to reassemble all members of the group. This is a unique identifier sent from the vendor system which is associated to all members of the group visit.	6	String	Optional	LIVE DATA
5	CallType	The type of device used to create the event. Any call with GPS data collected should be identified as Mobile. FVV should be used for any type of Fixed verification device.	20	String	Yes	Telephony | Mobile | FVV | Manual | Other
6	ProcedureCode	This is the billable procedure code which would be mapped to the associated service.	5	String		See Appendix 1 HCPCS column
7	ClientIdentifierOnCall	If a client identifier was entered on the call, this value should be provided.	10	String	Conditional; see description in spec	
8	MobileLogin	Login used if a mobile application is in use for GPS calls. Required if CallType = Mobile.	64	String	Conditional	LIVE DATA
9	CallLatitude	GPS latitude recorded during event. Latitude has a range of -90 to 90 with a 15 digit precision. Required for CallType = Mobile

Exception Info: If CallLatitude and CallLongitude are outside of the 1 mile radius for the visit location in the ClientAddress section, you will receive the GPS Distance Exception. | 19 | Decimal | Conditional | LIVE DATA |
| 10 | CallLongitude | GPS longitude recorded during event. Longitude has a range of -180 to 180 with a 15 digit precision. Required for CallType = Mobile.

Exception Info: If the CallLatitude and CallLongitude is outside of the 1 mile radius | 20 | Decimal | Conditional | LIVE DATA |

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
		for one of the address's listed in the ClientAddress section, you will receive the GPS Distance Exception.				
11	Location	Specific values to be provided based on the program.	25	String	Optional	LIVE DATA
12	TelephonyPIN	PIN for telephony. Identification for the employee using telephony. Required if CallType = Telephony.	9	String	Conditional	LIVE DATA
13	OriginatingPhoneNumber	Originating phone number for telephony. Note: If this phone number does not match a phone number associated with the client, an Unmatched Client ID / Phone Exception will be returned. Required if CallType = Telephony.	10	String	Conditional	FORMAT: ##########
Visit Exception Acknowledgement: This is a CONDITIONAL segment and must be sent when exceptions exist (e.g. If ClientVerifiedService is sent as FALSE, then this section needs to be sent to clear the exception in our system. Otherwise, the visit will not process.)						
1	ExceptionID	ID for the exception being acknowledged. Exact values for exceptions implemented are based on program rules.	2	String	Required	DO NOT PROVIDE
2	ExceptionAcknowledged	True/False	5	String	Optional	DO NOT PROVIDE
Visit Changes: This is a CONDITIONAL segment. If there are any updates to records, VisitExceptionAcknowledgments or manual entries, this segment must be sent.						
1	SequenceID	The Third Party EVV visit sequence ID to which the change applied	16	String	Yes	If TIMESTAMP is used: YYYYMMDDHHMMSS (Numbers only; no characters)
2	ChangeMadeBy	The unique identifier of the user, system or process that made the change. This could be a system identifier for the user or an email. Could also be a system process, in which case it should be identified.	64	String	Yes	LIVE DATA
3	ChangeDateTime	Date and time when change is made. At least to the second.	20	Date Time	Yes	FORMAT: YYYY-MM-DDTHH:MM:SSZ
4	GroupCode	This visit was part of a group visit. GroupCode is used to reassemble all members of the group.	6	String	Optional	LIVE DATA

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
5	ReasonCode	Reason Code associated with the change.	4	String	Yes	See Appendix 2 ReasonCode column
6	ChangeReasonMemo	Reason/Description of the change being made if entered. Note that this is a conditional field only required when a visit modification is made and where a reason note is required. If the reason note is required and one is not provided, this visit modification would be rejected.	256	String	Conditional	
7	ResolutionCode	If the program is implemented to use resolution codes and a resolution code is required for each visit modification change, then this field is required in order for the visit modification record not to be rejected. Currently this is the only resolution code available for use.	4	String	Conditional	"A" = Written Documentation Maintained
Visit Tasks: If you wish to match tasks from the original system to those allowed from the Task Appendix you can transfer those using this section. This is an OPTIONAL segment. DO NOT PROVIDE						
1	TaskID	TaskID, this taskID must map to the Task IDs used for the agency in the Sandata system	4	String	Yes	DO NOT PROVIDE
2	TaskReading	Task reading	6	String	Optional	DO NOT PROVIDE
3	TaskRefused	True, False	5	String	Optional	DO NOT PROVIDE

Appendices

1 Services & Modifiers

Payer	Program	HCPCS
ILDHS	HSPA	CAN
ILDHS	HSPA	LPN
ILDHS	HSPA	PA
ILDHS	HSPA	RN

2 Reason Codes

Reason Code	Description
AGENCY CODES	
01	Wrong Phone Number - Agency Verified
02	Invalid ID - Agency Verified
03	Phone Unavailable - Agency Verified
06	Agency Worker Failed to Call In/Out - Customer Verified Agency Worker Worked Hours as Entered as Daily Pay Hours
07	Agency Worker did not work as per Customer Request
08	Fill-in for Regular Agency Worker
09	Additional Hours at Customer Request
10	Customer Does Not Have a Home Phone
11	Companion Case
13	Customer Refused Agency Worker Use of Phone
15	Services Provided Outside of the Home
16	FVV Requested
17	No Home Phone - Does Not Qualify for FVV
18	PhoneLines Not Working - Agency Worker Not Able to Call
19	Less Hours Worked Than Scheduled at Customer's Request
99	Other

NON-AGENCY CODES	
01	Wrong Phone Number - Customer Verified
02	Invalid ID - Customer Verified
03	Phone Unavailable - Customer Verified
06	Individual Provider Failed to Call In/Out - Customer Verified Individual Provider Worked Hours Entered as Daily Pay Hours
10	Customer Does Not Have Home Phone
13	Customer Refused Individual Provider Use of Phone
15	Services Provided Outside of the Home
16	FVV Requested
18	Phone Lines Not Working - Individual Provider Not Able to Call
99	Other

3   Time Zones

Time Zone Code	Daylight Savings Time Observed?
US/Alaska	Active
US/Aleutian	Active
US/Arizona	Inactive
US/Central	Active
US/East-Indiana	Active
US/Eastern	Active
US/Hawaii	Inactive
US/Indiana-Starke	Active
US/Michigan	Active
US/Mountain	Active
US/Pacific	Active
America/Indiana/Indianapolis	Active
America/Indiana/Knox	Active
America/Indiana/Marengo	Active
America/Indiana/Petersburg	Active
America/Indiana/Vevay	Active
America/Indiana/Vincennes	Active
America/Puerto_Rico	Active

4 Abbreviations

Abbreviation	Name
ANI	Automatic Number Identification
BYOD	Bring Your Own Device
CDS	Consumer Directed Services
EVV	Electronic Visit Verification
FI	Fiscal Intermediary
GPS	Global Positioning System
IVR	Interactive Voice Response – the underlying system used for telephony
MVV	Mobile Visit Verification
PA	Prior Authorization
PIN	Personal Identity Number
SMC	Sandata Mobile Connect
SSN	Social Security Number
TVV	Telephonic Visit Verification

5 Terminology

Sandata Terminology	Other Possible References
Agency	Agency Provider Provider Account Billing Agency
Authorization	Service Plan Prior Auth
Client	Individual Patient Member Recipient Beneficiary
Contract	Program Program Code
Employee	Caregiver Admin Home Health Aide Consumer Directed Worker Staff Worker Individual Provider Scheduler
HCPCS	Bill Code Procedure Code Service Code
Payer	Admission Insurance Company Contract Managed Care Organization (MCO) State
Provider	Agency Third Party Administrator (TPA)

7 Technical Companion and Examples

This appendix serves as additional technical documentation for the use of the Sandata OpenEVV Alt-EVV APIs.

API Location

The RESTful APIs can be reached at the following locations:

Production:
https://api.sandata.com/interfaces/intake/clients/rest/api/v1.1

https://api.sandata.com/interfaces/intake/employees/rest/api/v1.1

https://api.sandata.com/interfaces/intake/visits/rest/api/v1.1

UAT:
https://uat-api.sandata.com/interfaces/intake/clients/rest/api/v1.1

https://uat-api.sandata.com/interfaces/intake/employees/rest/api/v1.1

https://uat-api.sandata.com/interfaces/intake/visits/rest/api/v1.1

The endpoints accept JSON data and support the HTTP POST method.

Authentication Header

The API endpoints utilize Basic Authentication. Therefore, a valid "Authorization" header must be sent with each request. This header is simply a Base 64 encoded representation of the username and password in the format "username:password".

The credentials are determined and distributed during implementation.

An example header for "user@example.com" with password "secret" would be:

Authorization: Basic dXNlckBleGFtcGxlLmNvbTpzZWNyZXQ=

Account Header

In addition to the "Authorization" header, a header denoting the callers EVV "Account" must be sent. The credentials provided are specific to an account, and all data sent must also correspond to that account, or the request will be rejected.

An example of this header would be:

Account: 12345

Alternatively, for MCO customers and other vendors sending data on behalf of multiple EVV accounts, the "EntityGuid" header is used. This ID will be provided by Sandata during implementation.

An example of this header would be:

EntityGuid: 12345

Content-Type Header

As with all RESTful API requests, the "Content-Type" header should also be included:

Content-Type: application/json

Workflow

Interacting with the APIs is a two-step process:

For each element being sent (Client, Employee, Visit), the data for must be received successfully and fully processed before the next type of data can be sent. i.e.

- Step 1 – Send a POST request with the data to the API
- Step 2 – Utilize the "Status" API to check that processing completed successfully
- Step 3 – Send the next type of data

If the call for Status check results in a messageSummary of "The result for the input UUID is not ready yet. Please try again.", then the sender process must "sleep" and recheck Status until the Status API call returns a messageSummary of either "All records updated successfully." Or …"Records uploaded, please check errors/warnings and try again."

It's important to note that the processing of a previously sent type of data MUST complete prior submitting the API call for the next type of data.

Clients and Employees should be sent prior to sending visits. This is necessary in order to ensure that client/employee data exists in the Sandata system when a visit is received, in order to avoid errors on visit processing due to missing client and/or employee data.

Details are as follows:

- The first step is to POST the data being sent to the URLs mentioned above in the "API Location" section. When data is sent, the Sandata system will validate the input meets the business requirements, process the data, and return a response.
- The response sends back some key pieces of information. This includes any errors that may have been flagged, as well as a UUID, generated by Sandata, which uniquely identifies the request. See example responses below in the "Sample Response" section.
- After this response is sent, the Sandata system begins processing the data into the system. Since the initial POST has already received a response, callers must use a second endpoint to check on the status of their request.
- To this end, each API is accompanied by an additional endpoint for checking status. This endpoint is reached simply by appending "/status" to the URLs in the "API Location" section above. Calls to this endpoint must utilize the HTTP GET method and send in the UUID that is returned in the response to the POST call.

An example GET request for status for clients, would be sent as follows:

https://api.sandata.com/interfaces/intake/clients/rest/api/v1.1/status?uuid=8d7c31f7-4a09-41a9-8edd-f9819def58f1

Sample data can be found below.

In summary, the caller would POST data to the API, receive a response with a UUID, then utilize the "status" endpoint via GET in order to determining if processing was completed and successful.

An example workflow when sending employees, clients, and visits would be:

1. Send POST request with employee data; receive UUID.
2. Utilize UUID to query employee "Status" API; if still processing, sleep and recheck.
3. Once "Status" API for employees indicates processing is finished, send POST request with client data; receive UUID.
4. Utilize UUID to query client "Status" API; if still processing, sleep and recheck.
5. Once "Status" API for client indicates processing is finished, send POST request with visit data; receive UUID.
6. Utilize UUID to query visit "Status" API; if still processing, sleep and recheck.
7. Once "Status" API for visits indicates processing is finished, all data has been transmitted.

Sample POST Data

Below find sample POST bodies for each entity, as well as sample responses in both successful and unsuccessful situations. Note that, based on implementation, not all fields are required to be present. In addition, certain implementations may include custom fields that are not represented in the samples. Please refer to the addendum for a full set of fields and their details.

JSON Employee

```
[{
        "ProviderIdentification": {
                "ProviderQualifier": "SandataID",
                "ProviderID": "123456"
        },
```

```
"EmployeeQualifier": "EmployeeSSN",

"EmployeeIdentifier": "999999999",

"EmployeeOtherID": "2222",

"SequenceID": 99811930002,

"EmployeeSSN": "999999999",

"EmployeeLastName": "Employee",

"EmployeeFirstName": "Test",

"EmployeeEmail": "dummy@sandata.com",

"EmployeeManagerEmail": "dummymanager@sandata.com",

"EmployeeAPI": "111111111",

"EmployeePosition": "RN"

}]
```

JSON Client

```
[{

"ProviderIdentification": {

"ProviderQualifier": "SandataID",

"ProviderID": "123456"

},
"ClientID": "96641",

"ClientFirstName": "Test",

"ClientMiddleInitial": "T",

"ClientLastName": "Client",

"ClientQualifier": "ClientSSN",
```

```
"ClientMedicaidID": "999999999",

"ClientIdentifier": "999999999",

"MissingMedicaidID": "False",

"SequenceID": 99811930002,

"ClientCustomID": "111111111",

"ClientOtherID": "2222",

"ClientSSN": "999999999",

"ClientTimezone": "US/Eastern",

"Coordinator": "123",

"ClientPayerInformation": [{

        "PayerID": "57",

        "PayerProgram": "123",

        "ProcedureCode": "123",

        "ClientPayerID": "987654321",

        "ClientEligibilityDateBegin": "2019-01-01",

        "ClientEligibilityDateEnd": "2020-01-01",

        "ClientStatus": "02",

        "EffectiveStartDate": "2019-01-01",

        "EffectiveEndDate": "2020-01-01"

}],

"ClientAddress": [{

        "ClientAddressType": "Home",

        "ClientAddressIsPrimary": true,

        "ClientAddressLine1": "36 West 5th Street",
```

```
        "ClientAddressLine2": "10th Floor",

        "ClientCounty": "Kings",

        "ClientCity": "Manhattan",

        "ClientState": "NY",

        "ClientZip": "10017",

        "ClientAddressLongitude": -73.4228741,

        "ClientAddressLatitude": 40.7431032

    }],

    "ClientPhone": [{

        "ClientPhoneType": "Home",

        "ClientPhone": "1234567890"

    }],

    "ClientDesignee": [{

        "ClientDesigneeFirstName": "",

        "ClientDesigneeLastName": "",

        "ClientDesigneeEmail": "",

        "ClientDesigneeStatus": "",

        "ClientDesigneeStartDate": "",

        "ClientDesigneeEndDate": "",

        "ClientDesigneeRelationship": ""

    }]

    "ClientResponsibleParty": [{

        "ClientContactType": "Other",

        "ClientContactFirstName": "Test",
```

```
            "ClientContactLastName": "Respparty",

            "ClientContactPhoneType": "Mobile",

            "ClientContactPhone": "3478788467",

            "ClientContactEmailAddress": "dummy@sandata.com",

            "ClientContactAddressLine1": "2727 East 29th Street",

            "ClientContactAddressLine2": "Apt 8I",

            "ClientContactCity": "Brooklyn",

            "ClientContactState": "NY",

            "ClientContactZip": "11229"

        }]

    }]
```

JSON Visit

```
[{

        "ProviderIdentification": {

            "ProviderID": "123456",

            "ProviderQualifier": "SandataID"

        },

        "VisitOtherID": "123456789",

        "SequenceID": 111,

        "EmployeeQualifier": "EmployeeSSN",

        "EmployeeOtherID": "999999999",

        "EmployeeIdentifier": "999999999",

        "GroupCode": null,
```

```json
"ClientIDQualifier": "ClientMedicaidID",

"ClientID": "111111111",

"ClientOtherID": "111111111",

"VisitCancelledIndicator": false,

"PayerID": "999",

"PayerProgram": "PRG",

"ProcedureCode": "T1000",

"Modifier1": null,

"Modifier2": null,

"Modifier3": null,

"Modifier4": null,

"VisitTimeZone": "US/Eastern",

"ScheduleStartTime": "2019-07-28T16:02:26Z",

"ScheduleEndTime": "2019-07-28T20:02:26Z",

"AdjInDateTime": "2019-07-28T15:02:26Z",

"AdjOutDateTime": "2019-07-28T19:02:26Z",

"BillVisit": true,

"HoursToBill": 10,

"HoursToPay": 10,

"Memo": "This is a memo!",

"ClientVerifiedTimes": true,

"ClientVerifiedTasks": true,

"ClientVerifiedService": true,

"ClientSignatureAvailable": true,
```

```
"ClientVoiceRecording": true,

"Calls": [{

        "CallExternalID": "123456789",

        "CallDateTime": "2019-07-28T16:02:26Z",

        "CallAssignment": "Time In",

        "GroupCode": null,

        "CallType": "Other",

        "ProcedureCode": "T1000",

        "ClientIdentifierOnCall": "111111111",

        "MobileLogin": null,

        "CallLatitude": 40.34455,

        "CallLongitude": -21.99383,

        "Location": "123",

        "TelephonyPIN": 999999999,

        "OriginatingPhoneNumber": "9997779999"

}],

"VisitExceptionAcknowledgement": [{

        "ExceptionID": "15",

        "ExceptionAcknowledged": false

}],

"VisitChanges": [{

        "SequenceID": "110",

        "ChangeMadeBy": "dummy@sandata.com",

        "ChangeDateTime": "2019-07-25T18:45:00Z",
```

```
            "GroupCode": null,

            "ReasonCode": "7227",

            "ChangeReasonMemo": "Change Reason Memo 999",

            "ResolutionCode": "A"

        }],

        "VisitTasks": [{

            "TaskID": "321",

            "TaskReading": "98.6",

            "TaskRefused": false

        }]

    }]
```

Sample Responses

See some sample responses below. Note that the samples are provided for employee, but the same pattern is followed for both client and visit.

Employee POST (Successful)

```
{

  "id": "7f6dcd1a-ec5e-4efd-a2d4-1049756016a5",

  "status": "SUCCESS",

  "messageSummary": "The result for the input UUID is not ready yet. Please try again.",

  "data": {

    "uuid": "7f6dcd1a-ec5e-4efd-a2d4-1049756016a5",

    "account": "12345",

    "message": "The result for the input UUID is not ready yet. Please try again.",
```

```
    "reason": "Transaction Received."

  }

}
```

Employee POST (Validation Error)

```
{

  "id": "ea76e9a1-9b29-4f3d-af1c-6b573eb29b76",

  "status": "FAILED",

  "messageSummary": "[1] Records uploaded, please check errors/warnings and try again.",

  "data": [

    {

      "ProviderIdentification": {

        "ProviderID": "123456",

        "ProviderQualifier": "SandataID",

        "ErrorCode": null,

        "ErrorMessage": null

      },

      "EmployeeIdentifier": "999999999",

      "EmployeeOtherID": "2222",

      "SequenceID": 99811930002,

      "EmployeeQualifier": "EmployeeSSN",

      "EmployeeSSN": "999999999",

      "EmployeeLastName": "Employee",

      "EmployeeFirstName": "Test",
```

```
      "EmployeeEmail": "dummy@sandata.com",

      "EmployeeManagerEmail": "dummymanager@sandata.com",

      "EmployeeAPI": "111111111",

      "EmployeePosition": "AKN",

      "ErrorCode": null,

      "ErrorMessage": "ERROR: The EmployeePosition expected format is not correct. The record should satisfy this regular
expression ['HHA|HCA|RN|LPN|PCA']. Invalid Value='AKN'. The record is being rejected."

    }

  ]

}
```

Employee GET (Status)

A sample response to a status GET request that has finished processing is:

```
{

      "id": "73b7a9d7-a79a-45cc-9def-cb789c111f4b",

      "status": "SUCCESS",

      "messageSummary": "All records updated successfully.",

      "data": {

            "uuid": "73b7a9d7-a79a-45cc-9def-cb789c111f4b",

            "account": null,

            "message": "All records updated successfully.",

            "reason": "Transaction Received."

      }

}
```

If the request is not yet finished being processed, the "messageSummary" will be "The result for the input UUID is not ready yet. Please try again."

```
{

        "id": "873a1d97-0681-402e-8268-b6cad8f2b4b7",

        "status": "SUCCESS",

        "messageSummary": "The result for the input UUID is not ready yet. Please try again.",

        "data": {

                "uuid": "873a1d97-0681-402e-8268-b6cad8f2b4b7",

                "account": "12345",

                "message": "The result for the input UUID is not ready yet. Please try again.",

                "reason": "Transaction Received."

        }

}
```

If the request was processed but failed business rules, an example status would be:

```
{

  "id": "e5de964b-9803-4051-b89b-8a89926e4983",

  "status": "SUCCESS",

  "messageSummary": "[2] Records uploaded, please check errors/warnings and try again.",

  "data": [

    {
```

```json
"ProviderIdentification": {

  "ProviderID": "123456",

  "ProviderQualifier": "SandataID",

  "ErrorCode": null,

  "ErrorMessage": null

},

"EmployeeIdentifier": "999999999",

"EmployeeOtherID": "2222",

"SequenceID": 99811930002,

"EmployeeQualifier": "EmployeeSSN",

"EmployeeSSN": "999999999",

"EmployeeLastName": "Employee",

"EmployeeFirstName": "Test",

"EmployeeEmail": "dummy@sandata.com",

"EmployeeManagerEmail": "dummymanager@sandata.com",

"EmployeeAPI": "111111111",

"EmployeePosition": "RN",

"ErrorCode": "-709",

"ErrorMessage": "Version number is duplicated or older than current"

      }

    ]

  }
```